

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method for producing identification marks (5) in a layer-structured paper or board (7) to be manufactured as a continuous web, comprising:

making the marks (5), which are darker than their surroundings, by burning a surface of a first moving web (1) of fibrous material with a laser beam (4); and

~~bringing~~ while continuously moving the first moving web, providing a second moving web of material (6), and bringing the second moving web as a second layer onto the first moving web so that the marks (5) are embedded within a layered web as manufactured, below the second layer of material.

2.-4. (Cancelled)

5. (Currently amended) A method according to claim 1, wherein

~~the second web of material (6) is a moving web, and~~

after making the marks (5), the first moving web (1) is laid against the moving second web of material to form the layered web.

6. (Previously presented) A method according to claim 5, further comprising a step of drying the layered web after the first moving web (1) is laid against the second moving web (6), wherein

the first moving web (1) contains moisture originating from pulp.

7. (Previously presented) A method according to claim 6, wherein the materials of the second moving web (6) is different from that of the first moving web (1).
8. (Previously presented) A method according to claim 7, wherein one of the first and second moving webs is chemical pulp, and the other is mechanical or chemical/mechanical pulp.
9. (Previously presented) A method according to claim 7, wherein one of the first and second moving webs is unbleached pulp, and the other is bleached pulp.
10. (Previously presented) A method according to claim 1, wherein the marked moving web (1) is applied with a coating layer for covering the marks (5).
11. (Withdrawn) Layer-structured paper or board (7) containing identification marks that can be manufactured with a method according to claim 1, wherein the web form paper or board (7) contains marks (5) made with a laser beam and these marks are embedded inside the layer-structure.
12. (Withdrawn) A paper or board according to claim 11, wherein the web is rolled around a drum or core.
13. (Withdrawn) A layer-structured board (7) containing identification marks that can be manufactured with a method according to claim 1, wherein the board contains marks (5) made

with a laser beam, and the marks are embedded inside the structure formed by a series of fiber layers (6, 1, 8) of the board.

14. (Withdrawn) Board according to claim 13, wherein the marks are darker figures (5) on the surface of the fiber layer (1), made by the reaction induced with a laser beam.

15. (Withdrawn) Board according to claim 13, wherein the marks are hollows (5') cut with a laser beam on the fiber layer (1) and that these hollows are filled with a different type of material present in the next fiber layer (6).

16. (Withdrawn) A board according to claim 14, wherein one of the fiber layers is of chemical pulp and the other of mechanical or chemical/mechanical pulp.

17. (Withdrawn) A board according to claim 13, wherein it is a fold-carton formed of sulfate and CTMP layers.